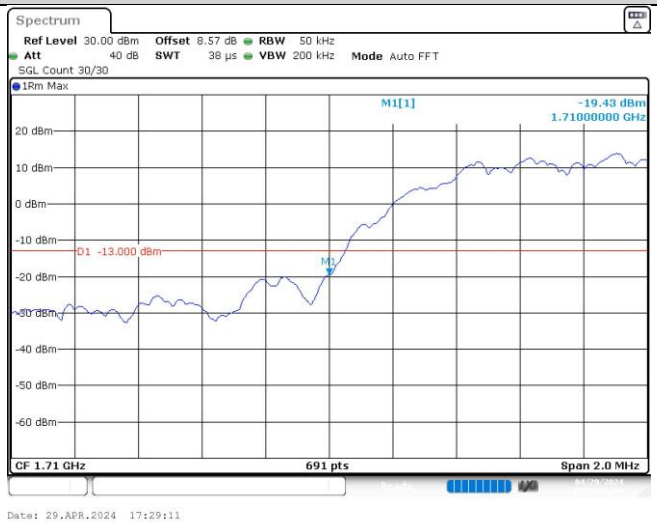
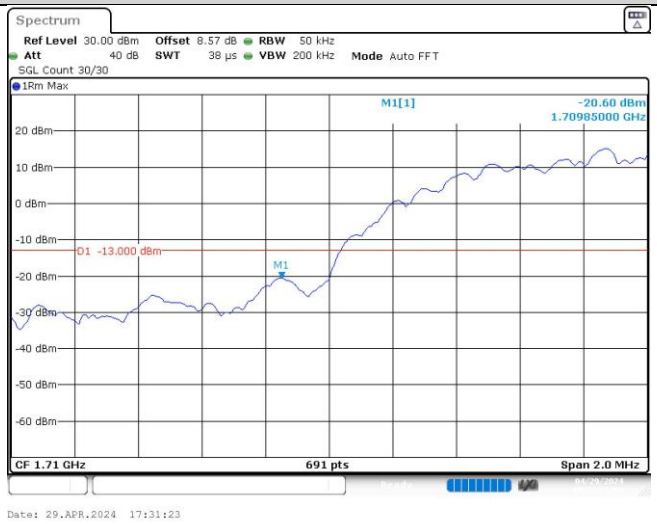
Band4-1312-1

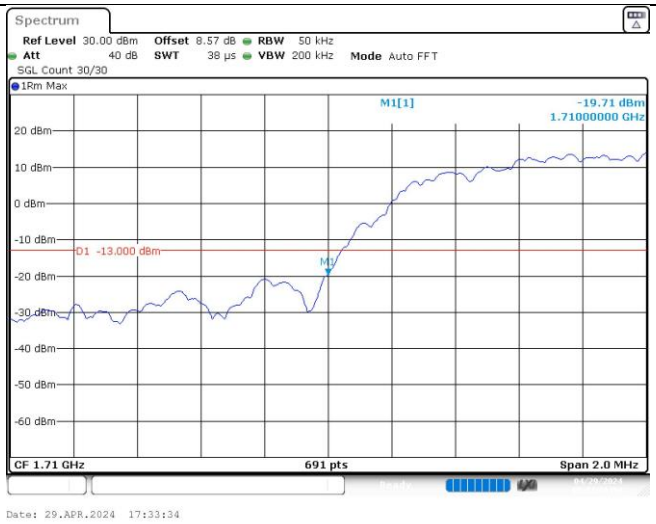
Band4-1312-2



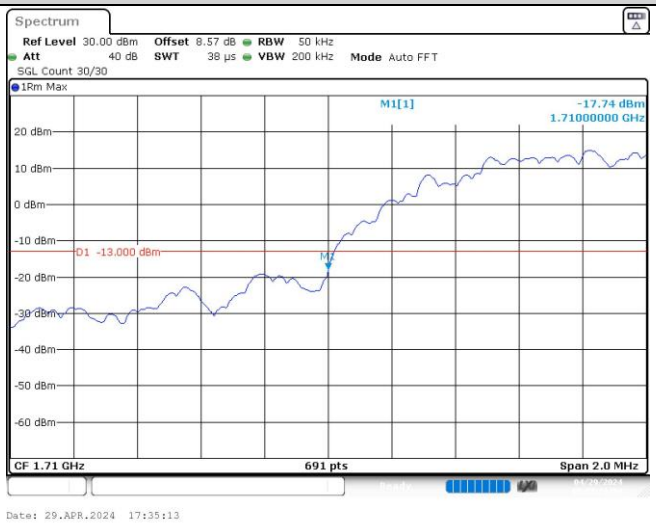
Band4-1312-3



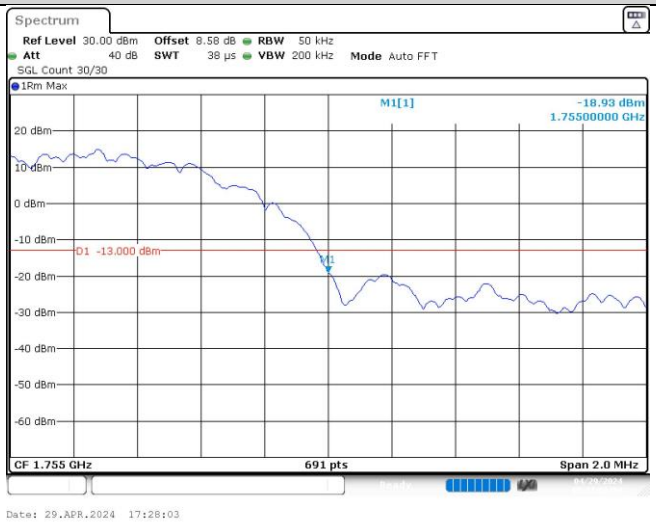
Band4-1312-4



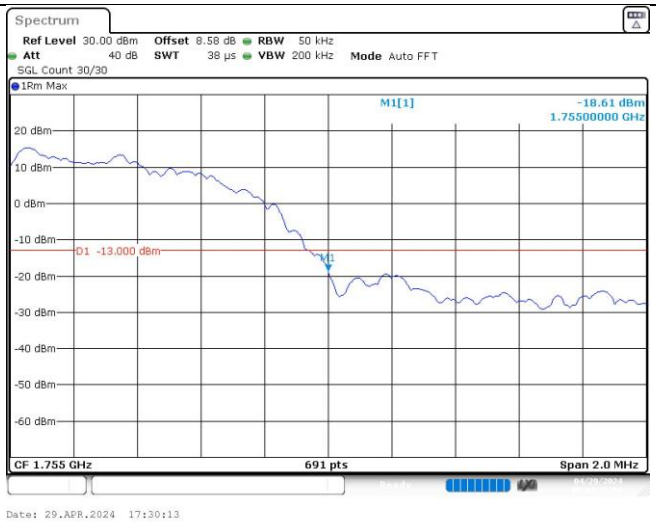
Band4-1312-5



Band4-1513-1

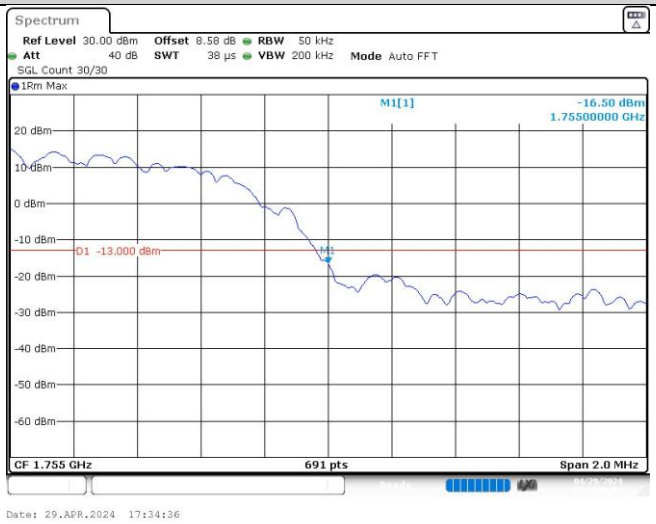


Band4-1513-2



Band4-1513-3

Band4-1513-4



Band4-1513-5

Spectrum
Ref Level 30.00 dBm Offset 8.58 dB RBW 50 kHz
Att 40 dB SWT 38 µs VBW 200 kHz Mode Auto FFT
SGL Count 30/30
1Rm Max
M1[1] -15.73 dBm
1.75500000 GHz
20 dBm
10 dBm
0 dBm
-10 dBm
D1 -13.000 dBm
M1
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
CF 1.755 GHz
691 pts
Span 2.0 MHz
Date: 29.APR.2024 17:35:34

APPENDIX B.5: CONDUCTED SPURIOUS EMISSIONS

Test Result

General:

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band4	1312	0.009~0.15MHz	0.02	-77.73	-43	PASS
Band4	1312	0.15~30MHz	3.84	-60.76	-23	PASS
Band4	1312	30~1000MHz	998.24	-54.14	-13	PASS
Band4	1312	1000~3000MHz	2972.27	-50.99	-13	PASS
Band4	1312	3000~20000MHz	15861.49	-39.21	-13	PASS
Band4	1413	0.009~0.15MHz	0.02	-80.74	-43	PASS
Band4	1413	0.15~30MHz	3.84	-62.73	-23	PASS
Band4	1413	30~1000MHz	940.56	-54.6	-13	PASS
Band4	1413	1000~3000MHz	2965.2	-50.95	-13	PASS
Band4	1413	3000~20000MHz	15867.72	-39.27	-13	PASS
Band4	1513	0.009~0.15MHz	0.02	-77.99	-43	PASS
Band4	1513	0.15~30MHz	3.84	-60.16	-23	PASS
Band4	1513	30~1000MHz	949.03	-54.96	-13	PASS
Band4	1513	1000~3000MHz	2966.07	-50.94	-13	PASS
Band4	1513	3000~20000MHz	15873.39	-39.19	-13	PASS

Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band4	1312	1	0.15~30MHz	3.84	-62.39	-23	PASS
Band4	1312	1	30~1000MHz	927.04	-54.5	-13	PASS
Band4	1312	1	1000~3000MHz	2972.13	-50.96	-13	PASS
Band4	1312	1	3000~20000MHz	15860.35	-39.23	-13	PASS
Band4	1312	1	0.009~0.15MHz	0.02	-82.75	-43	PASS
Band4	1312	2	0.15~30MHz	0.96	-48.07	-23	PASS
Band4	1312	2	30~1000MHz	962.12	-54.61	-13	PASS
Band4	1312	2	1000~3000MHz	2961.6	-51.02	-13	PASS
Band4	1312	2	3000~20000MHz	15871.12	-39.3	-13	PASS
Band4	1312	2	0.009~0.15MHz	0.02	-80.79	-43	PASS
Band4	1312	3	0.15~30MHz	0.96	-46.63	-23	PASS
Band4	1312	3	3000~20000MHz	15871.12	-39.28	-13	PASS
Band4	1312	3	0.009~0.15MHz	0.02	-79.27	-43	PASS
Band4	1312	3	1000~3000MHz	2954.13	-50.99	-13	PASS
Band4	1312	3	30~1000MHz	998.79	-54.51	-13	PASS
Band4	1312	4	0.15~30MHz	0.96	-46.38	-23	PASS
Band4	1312	4	30~1000MHz	931.86	-55.01	-13	PASS
Band4	1312	4	3000~20000MHz	15856.95	-39.26	-13	PASS
Band4	1312	4	0.009~0.15MHz	0.02	-81.15	-43	PASS
Band4	1312	4	1000~3000MHz	2949.2	-51.02	-13	PASS
Band4	1413	1	3000~20000MHz	15867.15	-39.27	-13	PASS
Band4	1413	1	1000~3000MHz	2966.73	-50.98	-13	PASS
Band4	1413	1	30~1000MHz	988.47	-54.6	-13	PASS
Band4	1413	1	0.009~0.15MHz	0.02	-81.32	-43	PASS
Band4	1413	1	0.15~30MHz	0.96	-64	-23	PASS
Band4	1413	2	0.15~30MHz	0.96	-49.19	-23	PASS
Band4	1413	2	30~1000MHz	770.04	-55.05	-13	PASS
Band4	1413	2	1000~3000MHz	2969.87	-50.99	-13	PASS
Band4	1413	2	0.009~0.15MHz	0.02	-80.01	-43	PASS

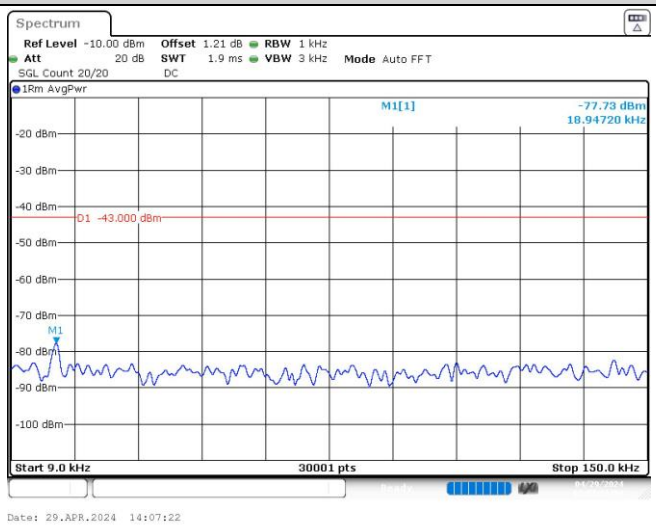
Band4	1413	2	3000~20000MHz	15574.2	-39.35	-13	PASS
Band4	1413	3	1000~3000MHz	2960.8	-50.92	-13	PASS
Band4	1413	3	0.009~0.15MHz	0.02	-80.68	-43	PASS
Band4	1413	3	30~1000MHz	961.86	-53.96	-13	PASS
Band4	1413	3	3000~20000MHz	15874.52	-39.3	-13	PASS
Band4	1413	3	0.15~30MHz	0.96	-47.42	-23	PASS
Band4	1413	4	0.009~0.15MHz	0.04	-82.84	-43	PASS
Band4	1413	4	0.15~30MHz	0.96	-47.44	-23	PASS
Band4	1413	4	30~1000MHz	985.24	-54.82	-13	PASS
Band4	1413	4	1000~3000MHz	2969.2	-50.99	-13	PASS
Band4	1413	4	3000~20000MHz	15567.96	-39.33	-13	PASS
Band4	1513	1	0.15~30MHz	3.84	-62.06	-23	PASS
Band4	1513	1	30~1000MHz	946.89	-54.46	-13	PASS
Band4	1513	1	1000~3000MHz	2969.93	-51.02	-13	PASS
Band4	1513	1	3000~20000MHz	15859.22	-39.33	-13	PASS
Band4	1513	1	0.009~0.15MHz	0.02	-82.49	-43	PASS
Band4	1513	2	0.009~0.15MHz	0.02	-79.21	-43	PASS
Band4	1513	2	0.15~30MHz	0.96	-48.19	-23	PASS
Band4	1513	2	30~1000MHz	976.58	-55.03	-13	PASS
Band4	1513	2	3000~20000MHz	15881.89	-39.32	-13	PASS
Band4	1513	2	1000~3000MHz	2952.93	-51	-13	PASS
Band4	1513	3	0.009~0.15MHz	0.02	-79.9	-43	PASS
Band4	1513	3	0.15~30MHz	0.96	-46.29	-23	PASS
Band4	1513	3	30~1000MHz	944.44	-54.3	-13	PASS
Band4	1513	3	1000~3000MHz	2975.2	-51.01	-13	PASS
Band4	1513	3	3000~20000MHz	15872.82	-39.33	-13	PASS
Band4	1513	4	3000~20000MHz	15852.99	-39.21	-13	PASS
Band4	1513	4	0.009~0.15MHz	0.02	-79.79	-43	PASS
Band4	1513	4	0.15~30MHz	0.96	-46.52	-23	PASS
Band4	1513	4	30~1000MHz	947.19	-54.96	-13	PASS
Band4	1513	4	1000~3000MHz	2975.53	-50.9	-13	PASS

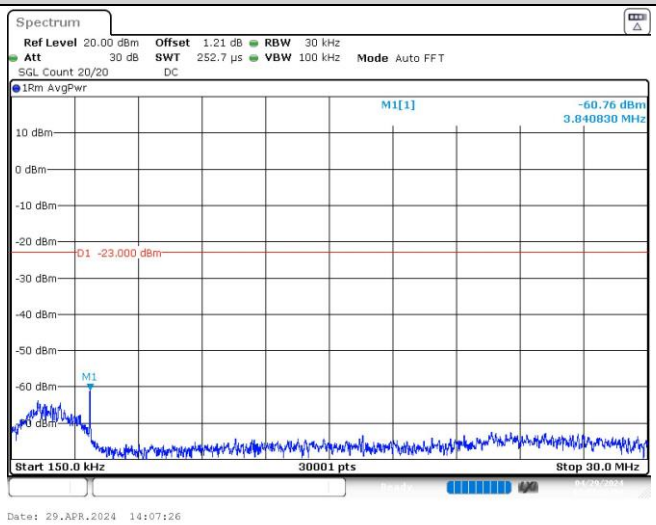
Band	Channel	SubTest	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band4	1312	1	0.15~30MHz	0.96	-62.97	-23	PASS
Band4	1312	1	30~1000MHz	917.21	-54.62	-13	PASS
Band4	1312	1	1000~3000MHz	2969.8	-51	-13	PASS
Band4	1312	1	3000~20000MHz	15862.62	-39.36	-13	PASS
Band4	1312	1	0.009~0.15MHz	0.01	-83.05	-43	PASS
Band4	1312	2	30~1000MHz	899.14	-54.73	-13	PASS
Band4	1312	2	1000~3000MHz	2964.73	-51	-13	PASS
Band4	1312	2	0.15~30MHz	0.96	-54.41	-23	PASS
Band4	1312	2	0.009~0.15MHz	0.01	-77.21	-43	PASS
Band4	1312	2	3000~20000MHz	15871.12	-39.26	-13	PASS
Band4	1312	3	1000~3000MHz	2975.47	-50.96	-13	PASS
Band4	1312	3	0.15~30MHz	0.96	-56.02	-23	PASS
Band4	1312	3	0.009~0.15MHz	0.02	-81.62	-43	PASS
Band4	1312	3	30~1000MHz	955.5	-55.07	-13	PASS
Band4	1312	3	3000~20000MHz	15852.99	-39.28	-13	PASS
Band4	1312	4	0.009~0.15MHz	0.01	-79.5	-43	PASS
Band4	1312	4	0.15~30MHz	0.96	-56.69	-23	PASS
Band4	1312	4	30~1000MHz	930.89	-54.54	-13	PASS
Band4	1312	4	1000~3000MHz	2973.27	-50.98	-13	PASS
Band4	1312	4	3000~20000MHz	15859.22	-39.22	-13	PASS
Band4	1312	5	1000~3000MHz	2964.73	-50.9	-13	PASS
Band4	1312	5	3000~20000MHz	15856.39	-39.15	-13	PASS
Band4	1312	5	30~1000MHz	978.81	-54.76	-13	PASS

Band4	1312	5	0.15~30MHz	0.48	-55.32	-23	PASS
Band4	1312	5	0.009~0.15MHz	0.14	-75.45	-43	PASS
Band4	1413	1	1000~3000MHz	2975.07	-50.98	-13	PASS
Band4	1413	1	0.009~0.15MHz	0.01	-78.2	-43	PASS
Band4	1413	1	0.15~30MHz	1.18	-61.91	-23	PASS
Band4	1413	1	30~1000MHz	984.04	-55.03	-13	PASS
Band4	1413	1	3000~20000MHz	15872.25	-39.38	-13	PASS
Band4	1413	2	30~1000MHz	949.42	-54.47	-13	PASS
Band4	1413	2	1000~3000MHz	2963.33	-51	-13	PASS
Band4	1413	2	0.15~30MHz	0.96	-54.21	-23	PASS
Band4	1413	2	0.009~0.15MHz	0.02	-83.52	-43	PASS
Band4	1413	2	3000~20000MHz	15878.49	-39.24	-13	PASS
Band4	1413	3	1000~3000MHz	2975.6	-50.9	-13	PASS
Band4	1413	3	0.009~0.15MHz	0.02	-82.07	-43	PASS
Band4	1413	3	0.15~30MHz	0.96	-56.19	-23	PASS
Band4	1413	3	3000~20000MHz	15881.89	-39.27	-13	PASS
Band4	1413	3	30~1000MHz	824.61	-54.51	-13	PASS
Band4	1413	4	0.009~0.15MHz	0.01	-79.72	-43	PASS
Band4	1413	4	3000~20000MHz	15857.52	-39.19	-13	PASS
Band4	1413	4	1000~3000MHz	2975	-50.97	-13	PASS
Band4	1413	4	0.15~30MHz	0.94	-58.54	-23	PASS
Band4	1413	4	30~1000MHz	979.58	-54.74	-13	PASS
Band4	1413	5	0.009~0.15MHz	0.13	-75.61	-43	PASS
Band4	1413	5	30~1000MHz	988.8	-54.84	-13	PASS
Band4	1413	5	3000~20000MHz	15860.92	-39.23	-13	PASS
Band4	1413	5	0.15~30MHz	0.48	-55.64	-23	PASS
Band4	1413	5	1000~3000MHz	2962.4	-50.96	-13	PASS
Band4	1513	1	3000~20000MHz	15869.42	-39.25	-13	PASS
Band4	1513	1	1000~3000MHz	2963.2	-51	-13	PASS
Band4	1513	1	0.15~30MHz	0.91	-63.45	-23	PASS
Band4	1513	1	0.009~0.15MHz	0.02	-81.38	-43	PASS
Band4	1513	1	30~1000MHz	736.61	-54.83	-13	PASS
Band4	1513	2	0.009~0.15MHz	0.01	-79.85	-43	PASS
Band4	1513	2	0.15~30MHz	0.96	-55.15	-23	PASS
Band4	1513	2	30~1000MHz	877.74	-54.92	-13	PASS
Band4	1513	2	1000~3000MHz	2949.33	-50.94	-13	PASS
Band4	1513	2	3000~20000MHz	15861.49	-39.31	-13	PASS
Band4	1513	3	0.15~30MHz	0.96	-57.41	-23	PASS
Band4	1513	3	3000~20000MHz	15869.99	-39.28	-13	PASS
Band4	1513	3	30~1000MHz	918.05	-55.07	-13	PASS
Band4	1513	3	1000~3000MHz	2965.53	-50.9	-13	PASS
Band4	1513	3	0.009~0.15MHz	0.02	-81.22	-43	PASS
Band4	1513	4	0.009~0.15MHz	0.02	-81.4	-43	PASS
Band4	1513	4	3000~20000MHz	15869.99	-39.22	-13	PASS
Band4	1513	4	1000~3000MHz	2962.4	-50.92	-13	PASS
Band4	1513	4	0.15~30MHz	0.97	-58.31	-23	PASS
Band4	1513	4	30~1000MHz	986.7	-54.72	-13	PASS
Band4	1513	5	3000~20000MHz	15881.32	-39.25	-13	PASS
Band4	1513	5	0.009~0.15MHz	0.14	-74.18	-43	PASS
Band4	1513	5	0.15~30MHz	0.48	-55.32	-23	PASS
Band4	1513	5	30~1000MHz	975.54	-54.68	-13	PASS
Band4	1513	5	1000~3000MHz	2976	-50.96	-13	PASS

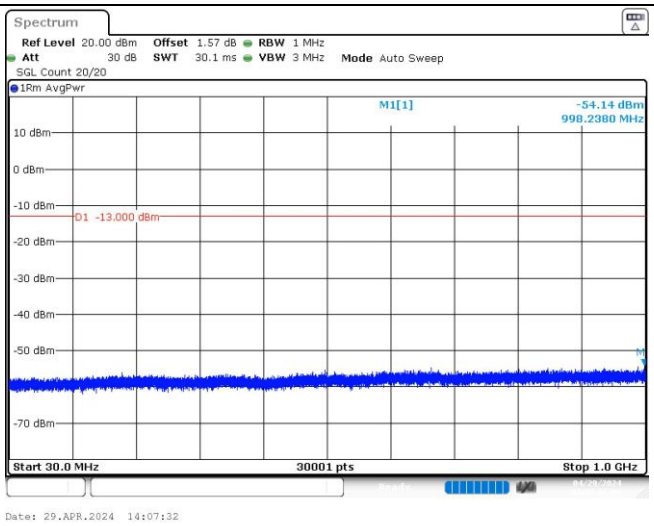
Test Graphs

General:

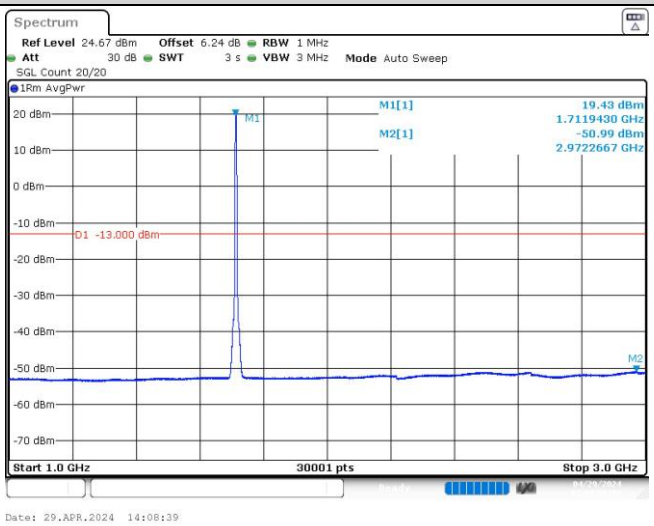
Band4-1312-0.009~0.15MHz


Band4-1312-0.15~30MHz


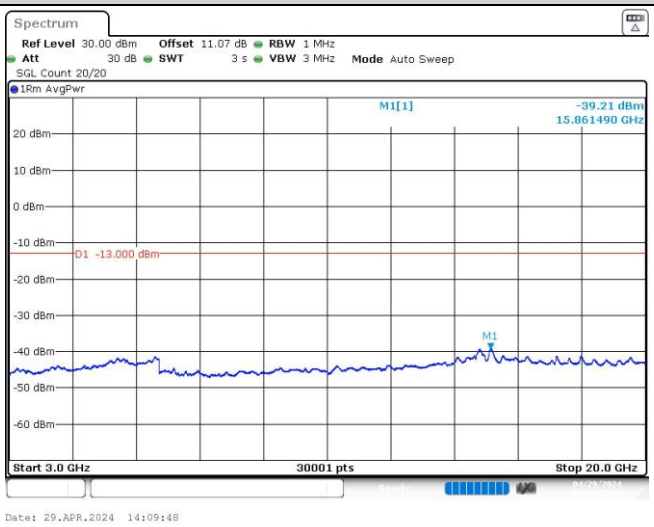
Band4-1312-30~1000MHz



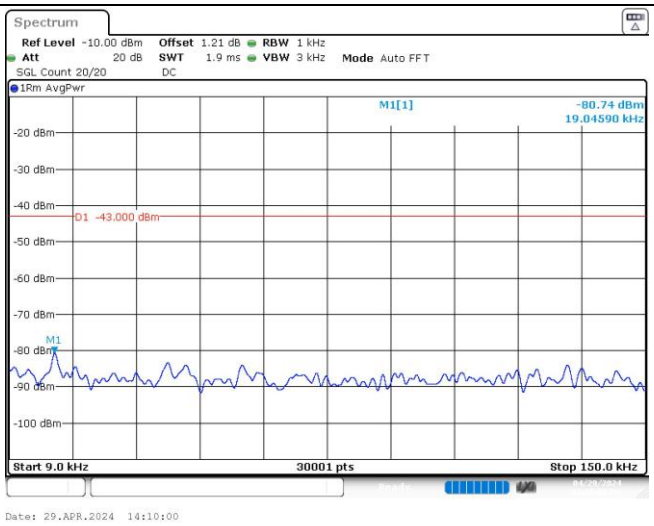
Band4-1312-1000~3000MHz



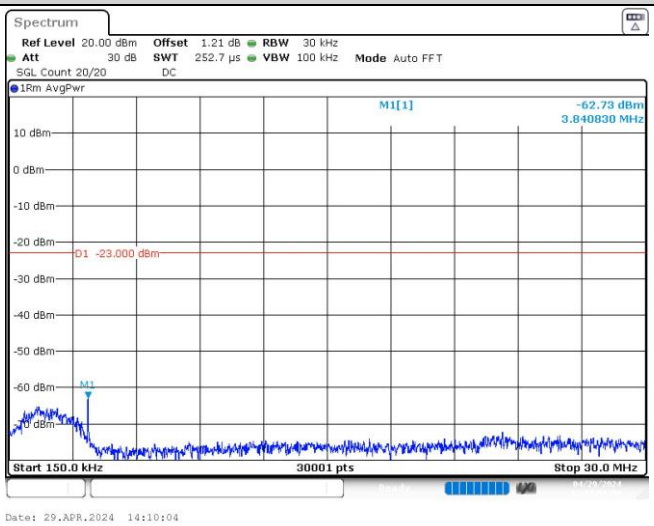
Band4-1312-3000~20000MHz



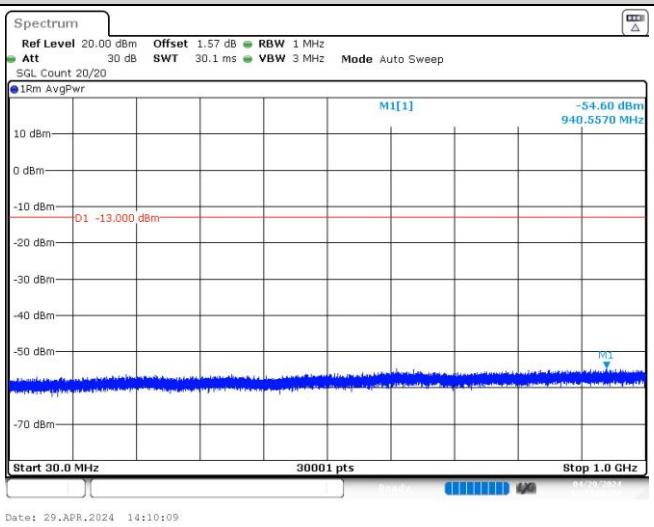
Band4-1413-0.009~0.15MHz



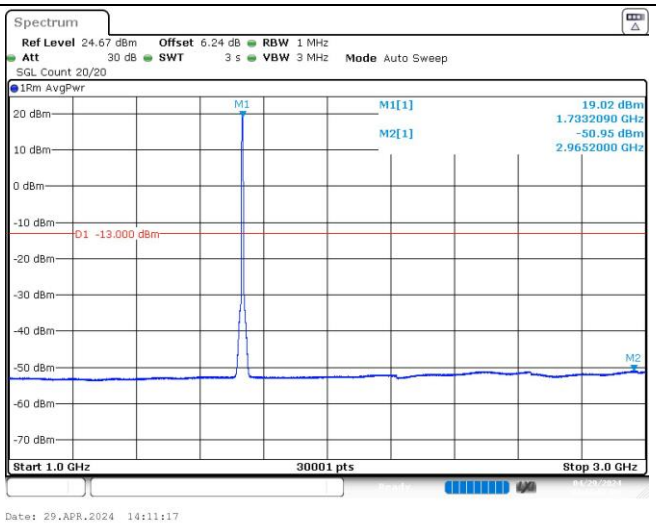
Band4-1413-0.15~30MHz



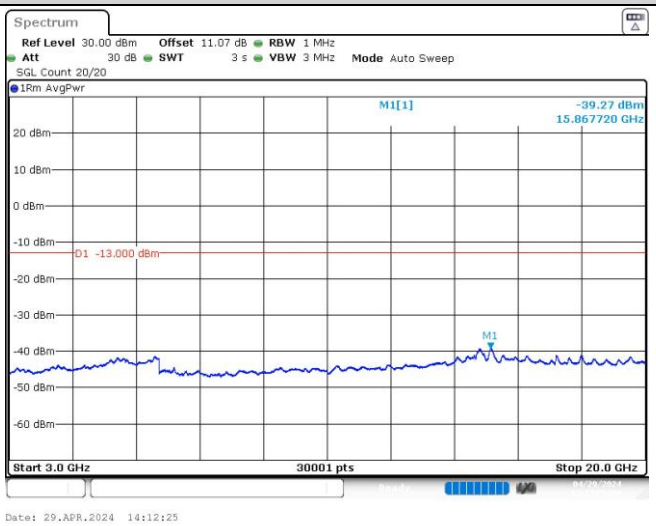
Band4-1413-30~1000MHz



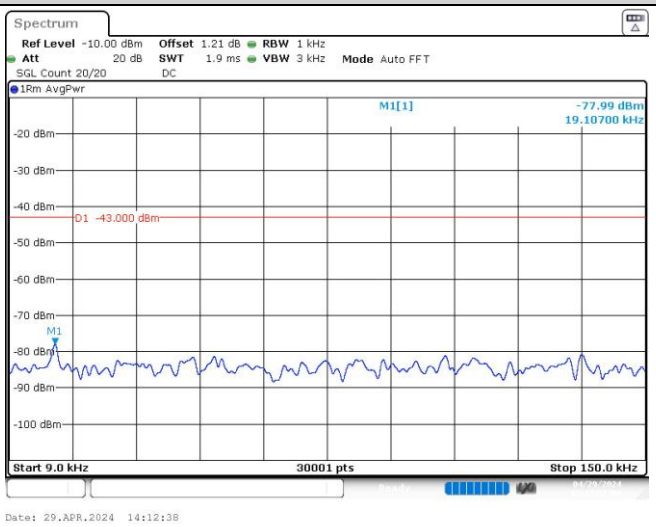
Band4-1413-1000~3000MHz



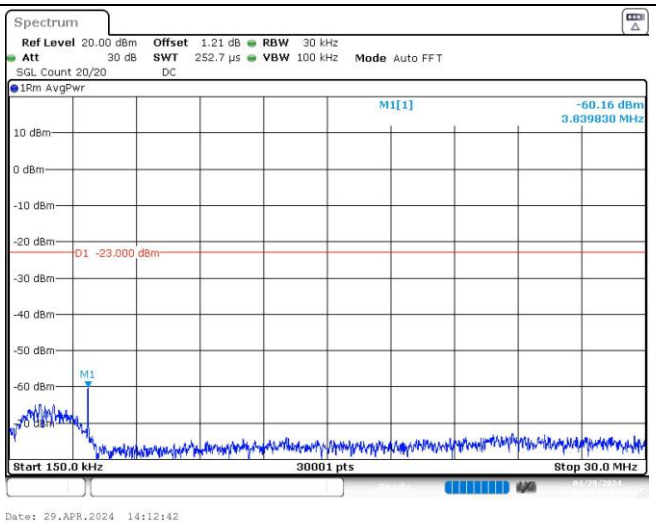
Band4-1413-3000~20000MHz



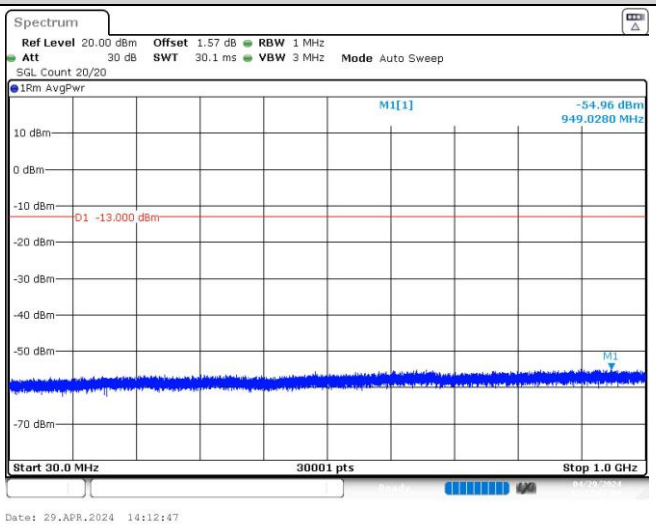
Band4-1513-0.009~0.15MHz



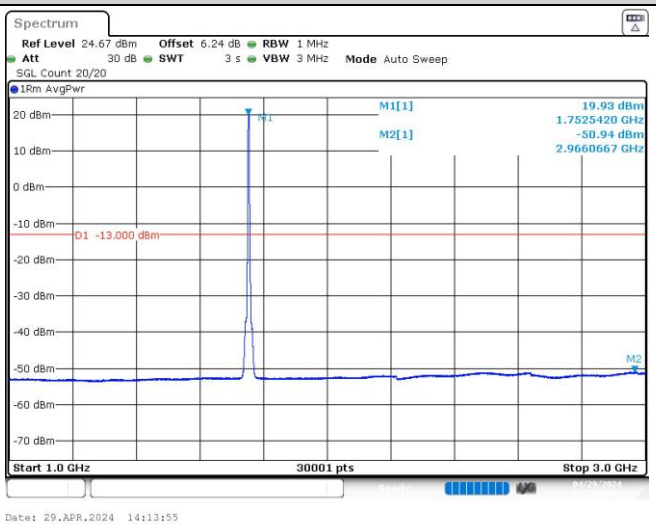
Band4-1513-0.15~30MHz



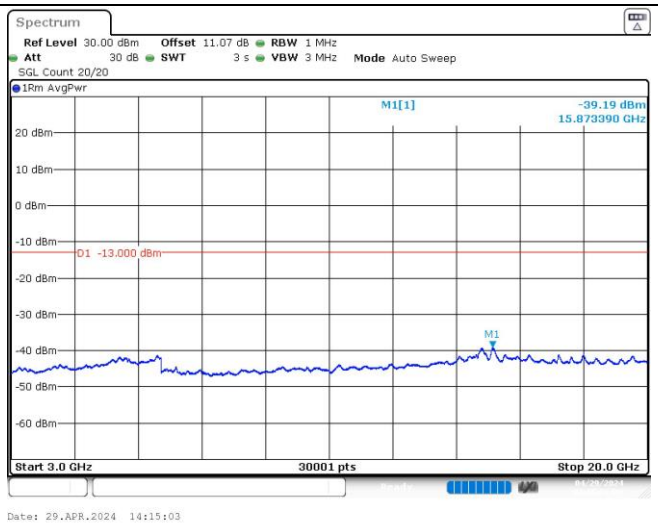
Band4-1513-30~1000MHz



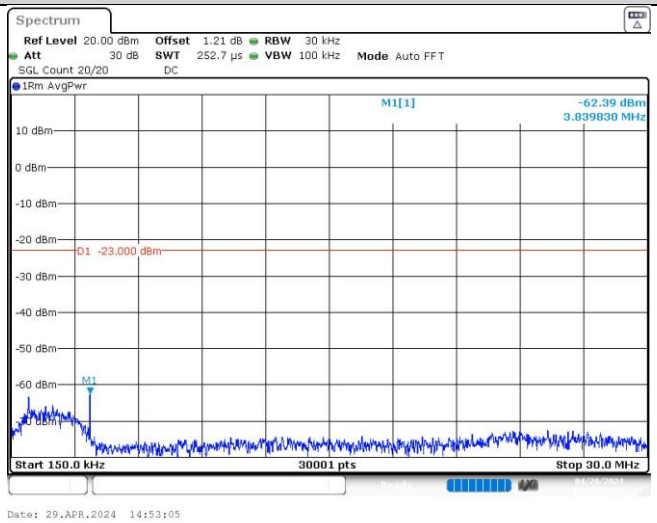
Band4-1513-1000~3000MHz



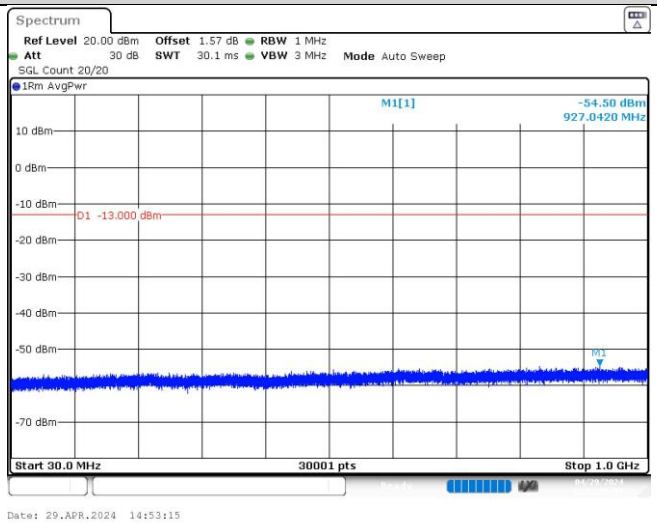
Band4-1513-3000~20000MHz


Spectrum
Ref Level 30.00 dBm Offset 11.07 dB RBW 1 MHz
Att 30 dB SWT 3 s VBW 3 MHz Mode Auto Sweep
SGL Count 20/20
1Rm AvgPwr
M1[1] -39.19 dBm
15.873390 GHz
20 dBm
10 dBm
0 dBm
-10 dBm
D1 -13.000 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
M1
Start 3.0 GHz
30001 pts
Stop 20.0 GHz
Date: 29.APR.2024 14:15:03

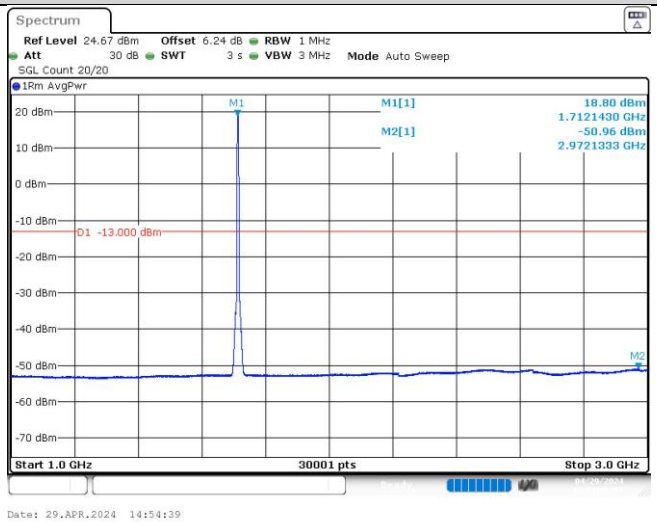
Band4-1312-1-0.15~30MHz



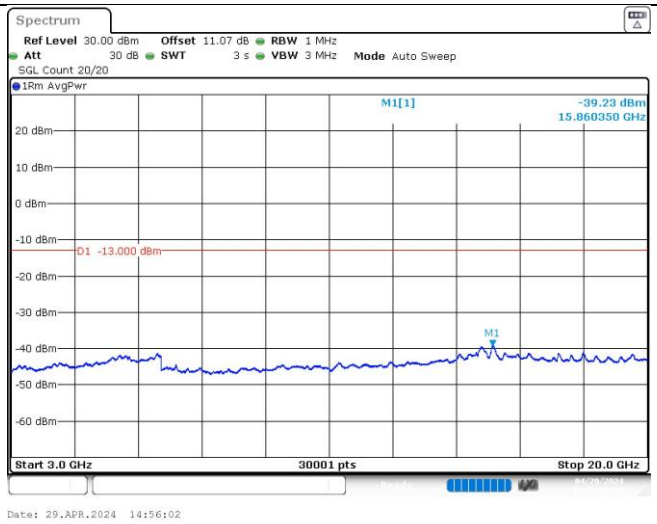
Band4-1312-1-30~1000MHz



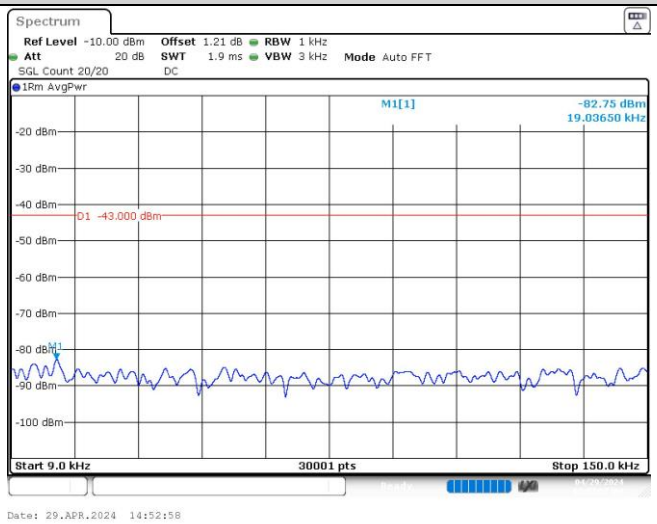
Band4-1312-1-1000~3000MHz



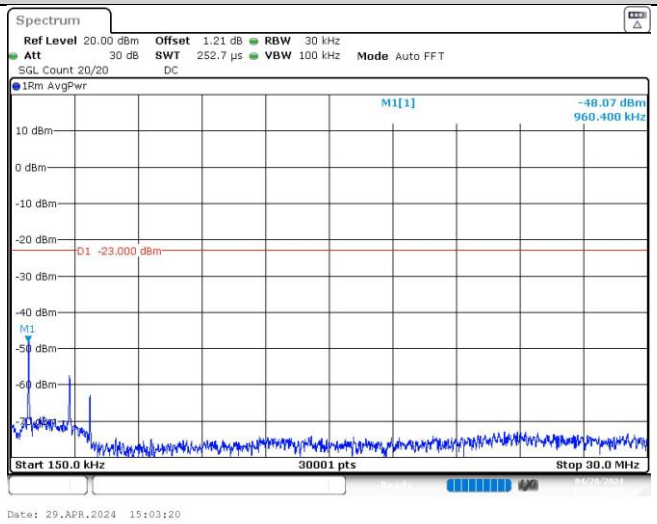
Band4-1312-1-3000~20000MHz



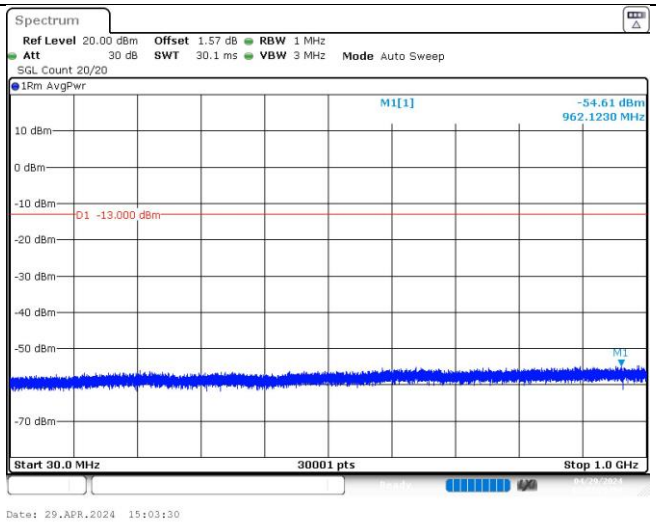
Band4-1312-1-0.009~0.15MHz



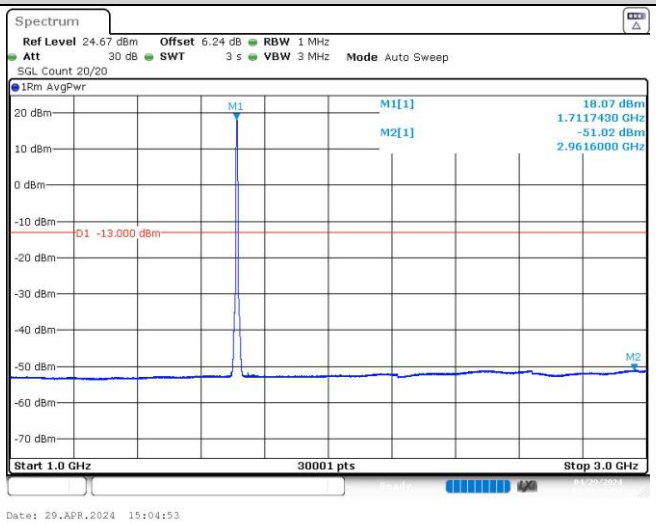
Band4-1312-2-0.15~30MHz



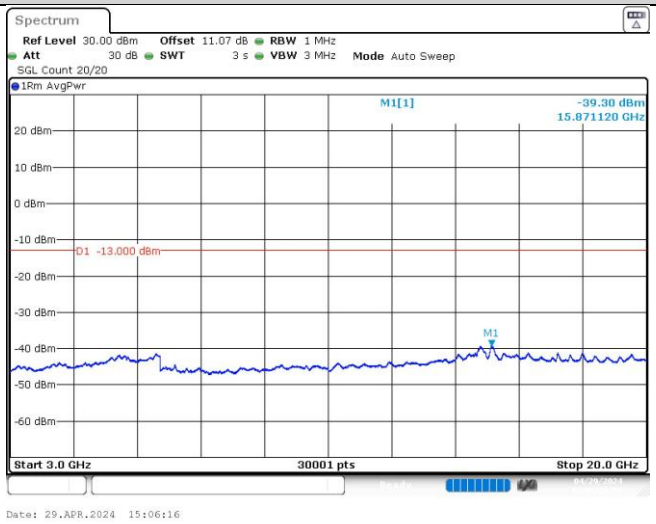
Band4-1312-2-30~1000MHz



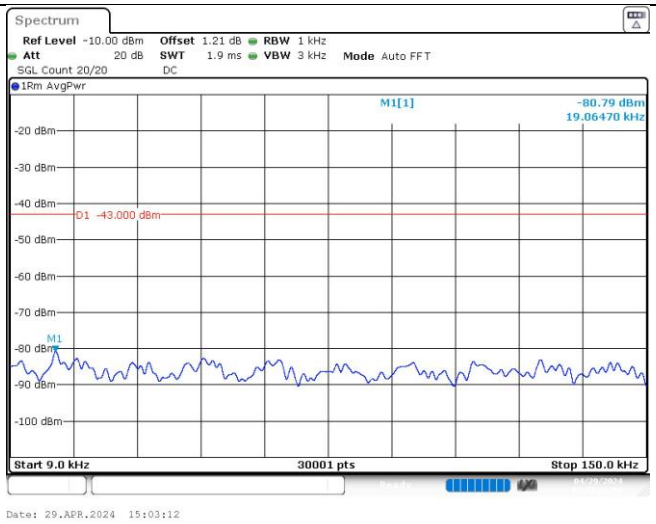
Band4-1312-2-1000~3000MHz



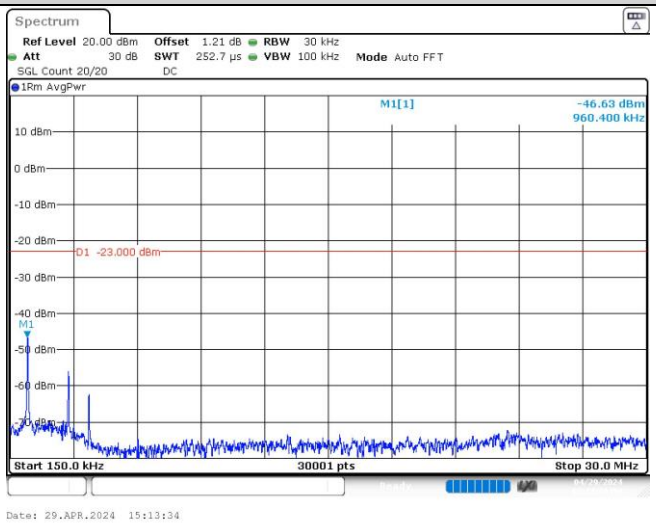
Band4-1312-2-3000~20000MHz



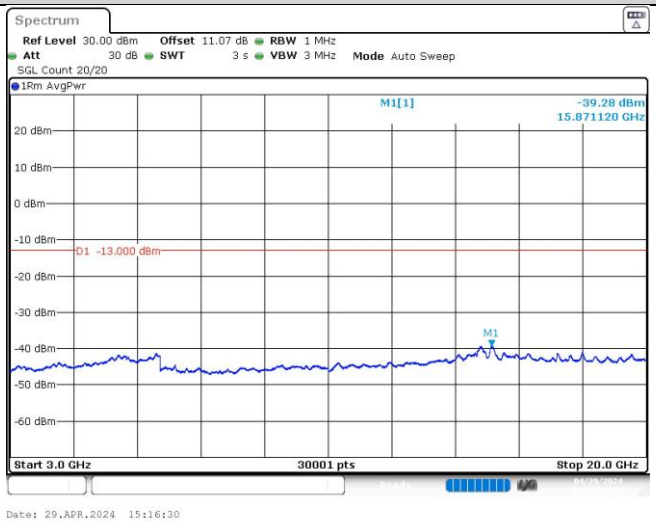
Band4-1312-2-0.009~0.15MHz



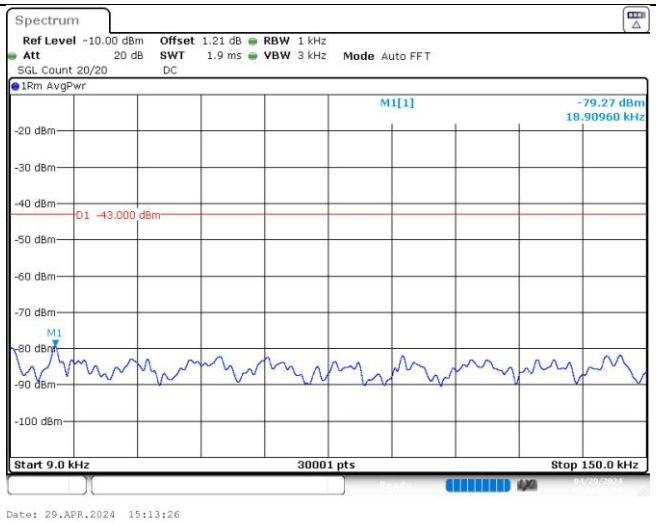
Band4-1312-3-0.15~30MHz



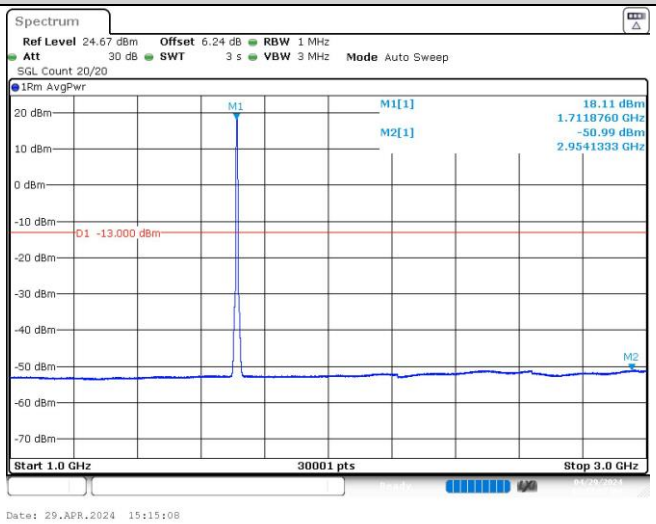
Band4-1312-3-3000~20000MHz



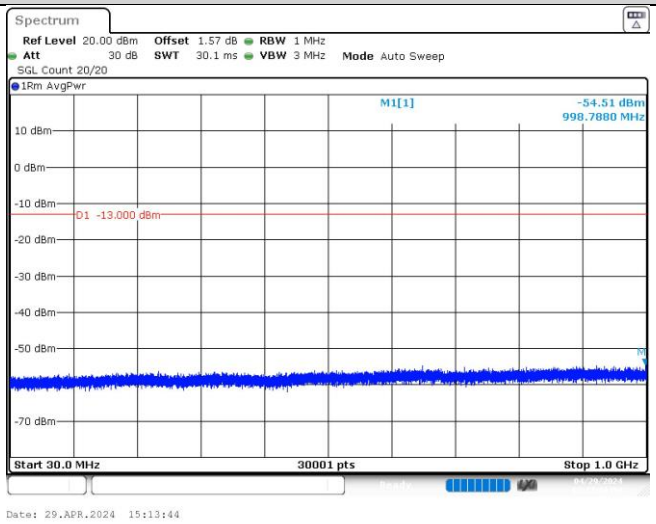
Band4-1312-3-0.009~0.15MHz



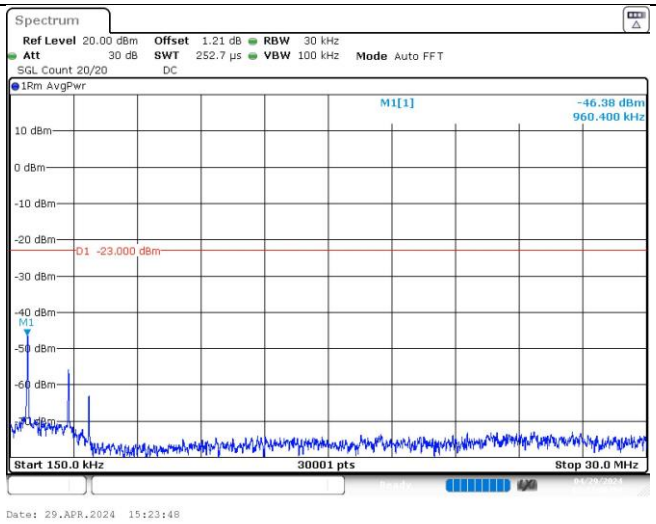
Band4-1312-3-1000~3000MHz



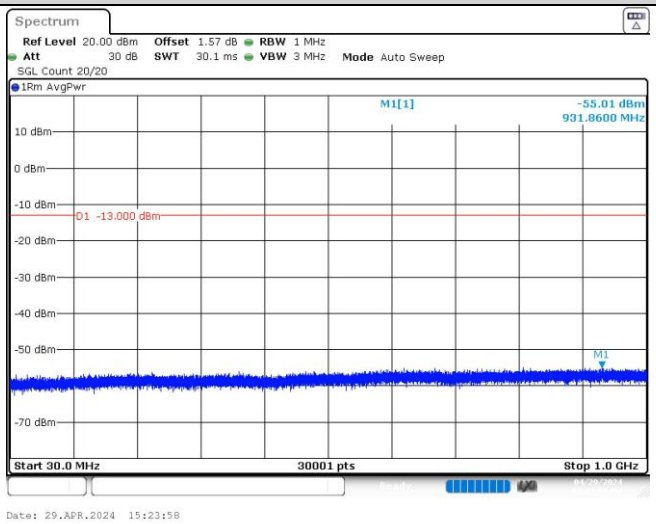
Band4-1312-3-30~1000MHz



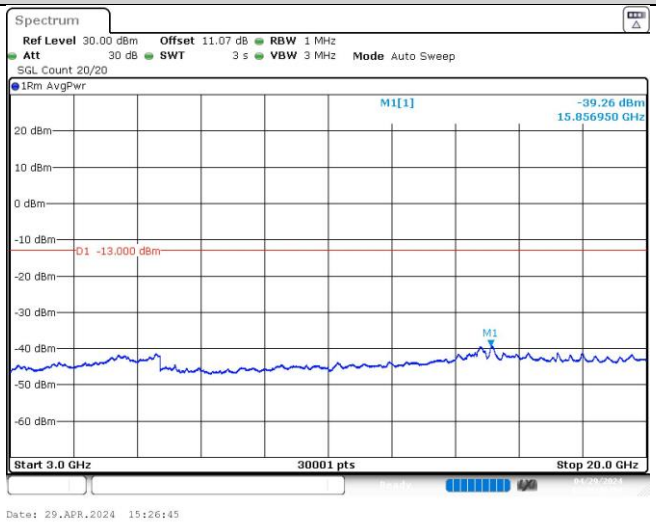
Band4-1312-4-0.15~30MHz



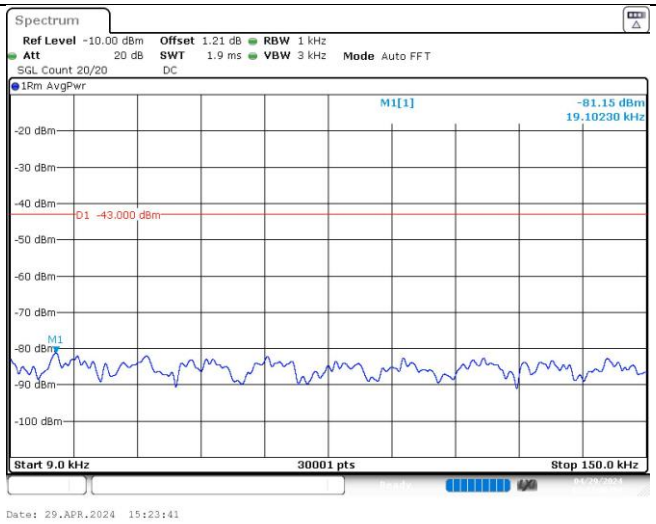
Band4-1312-4-30~1000MHz



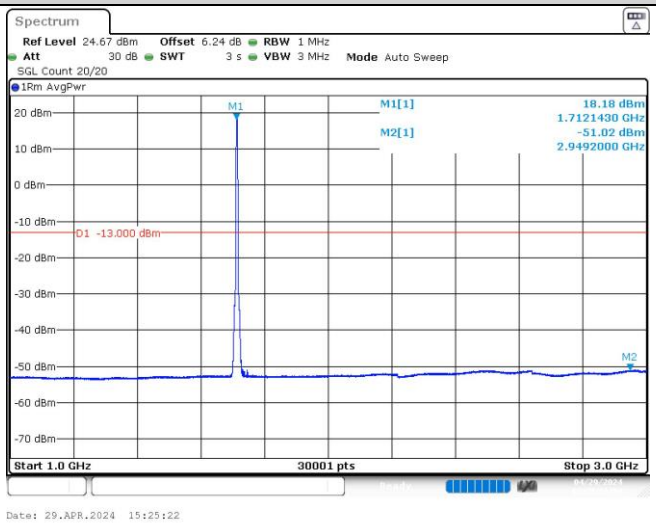
Band4-1312-4-3000~20000MHz



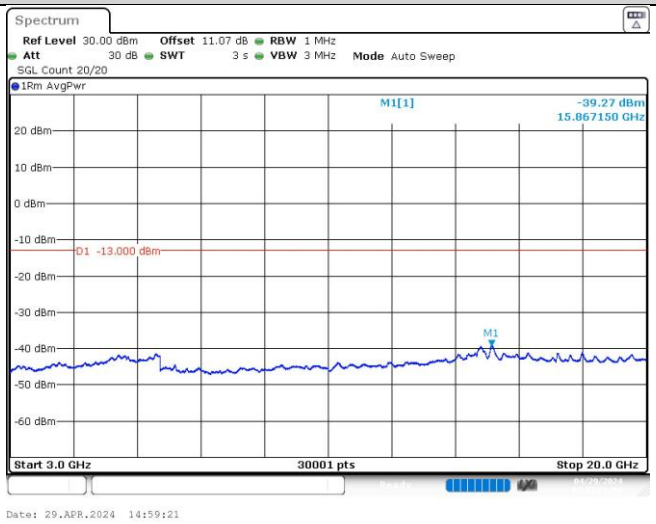
Band4-1312-4-0.009~0.15MHz



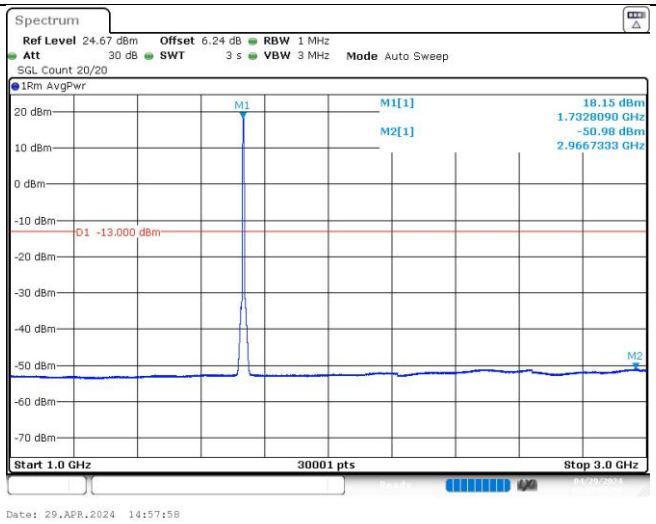
Band4-1312-4-1000~3000MHz



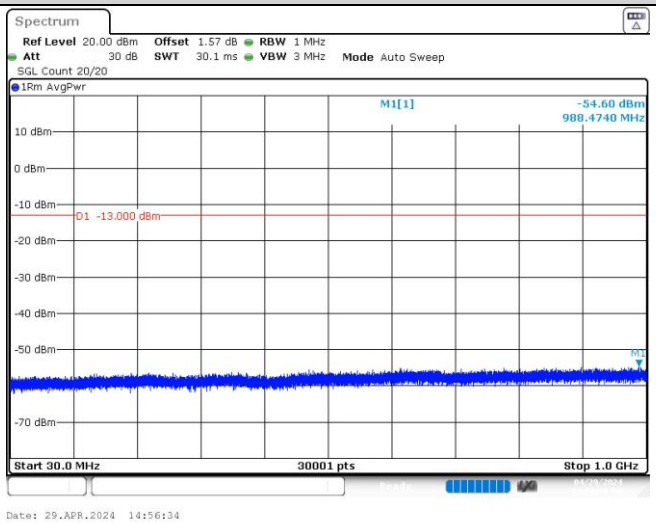
Band4-1413-1-3000~20000MHz



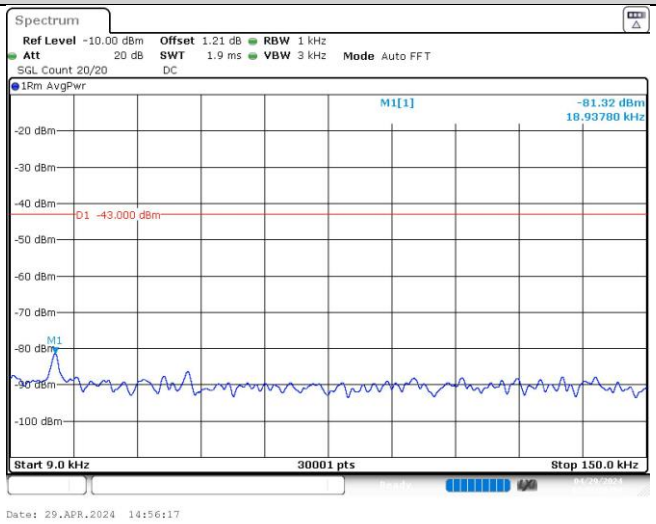
Band4-1413-1-1000~3000MHz



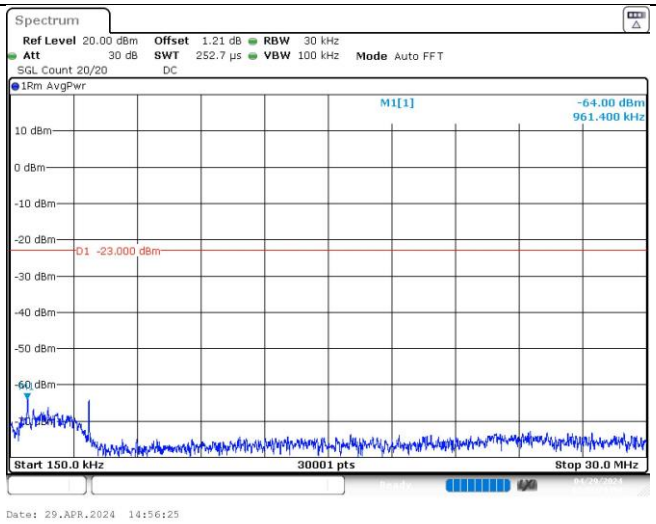
Band4-1413-1-30~1000MHz



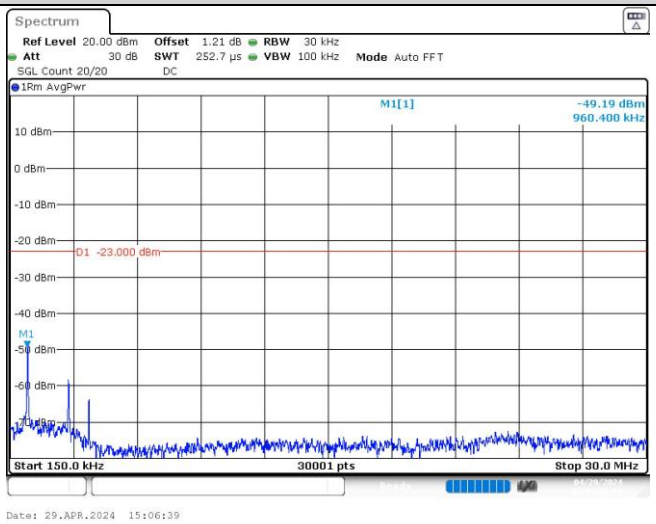
Band4-1413-1-0.009~0.15MHz



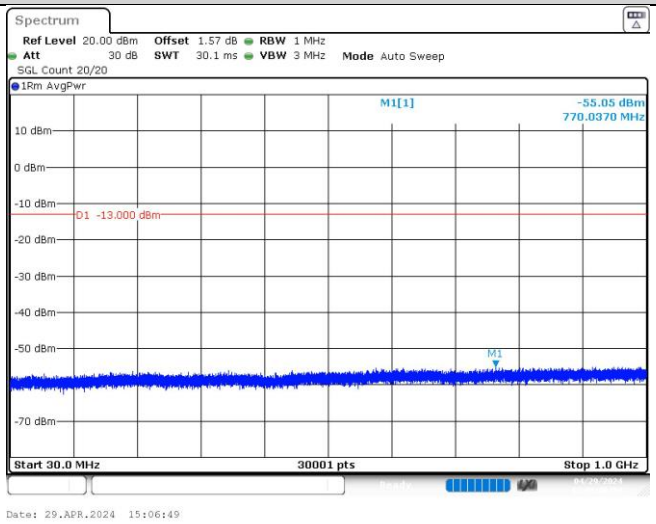
Band4-1413-1-0.15~30MHz



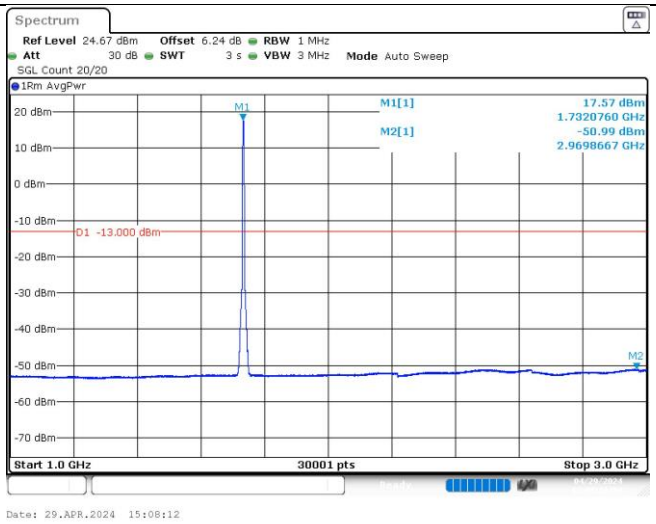
Band4-1413-2-0.15~30MHz



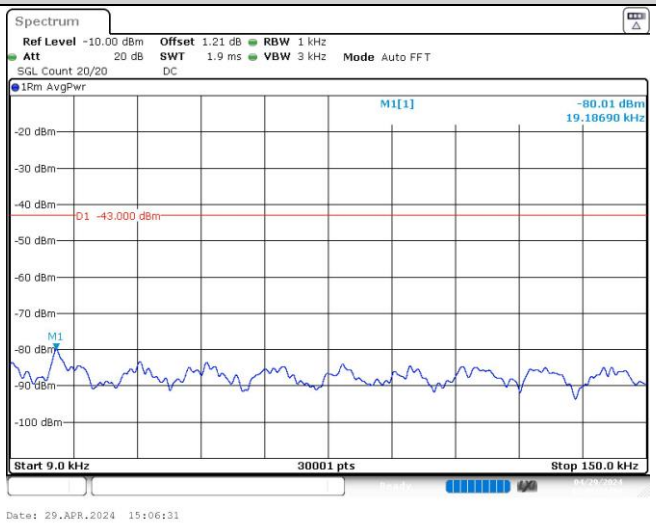
Band4-1413-2-30~1000MHz



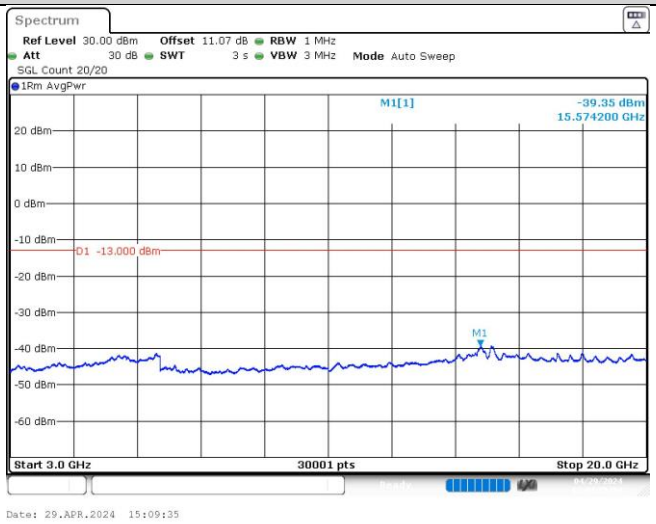
Band4-1413-2-1000~3000MHz



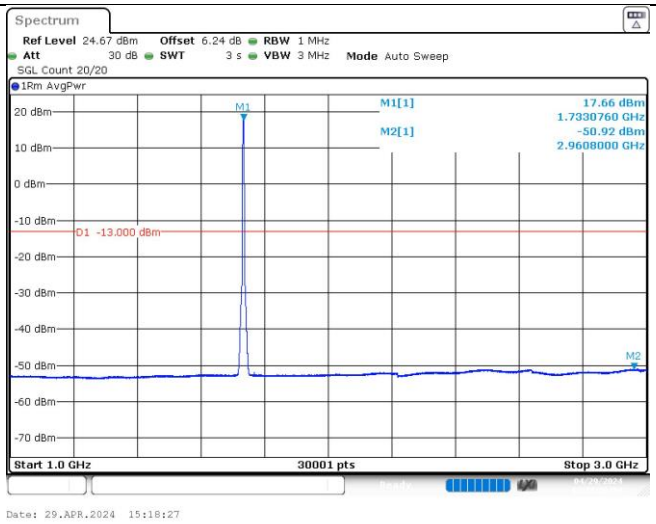
Band4-1413-2-0.009~0.15MHz



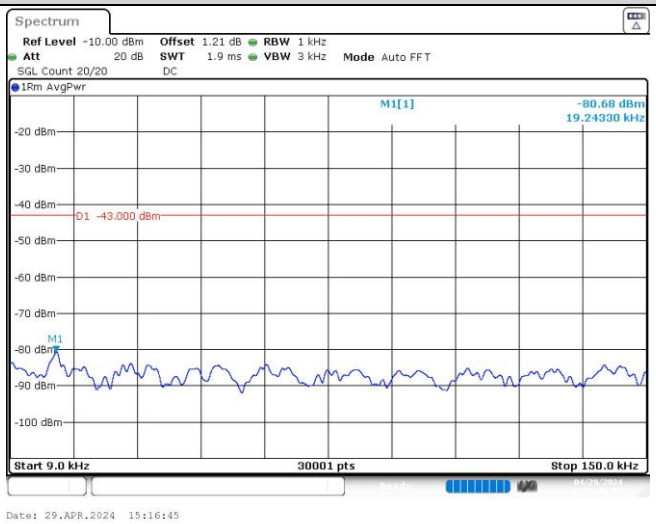
Band4-1413-2-3000~20000MHz



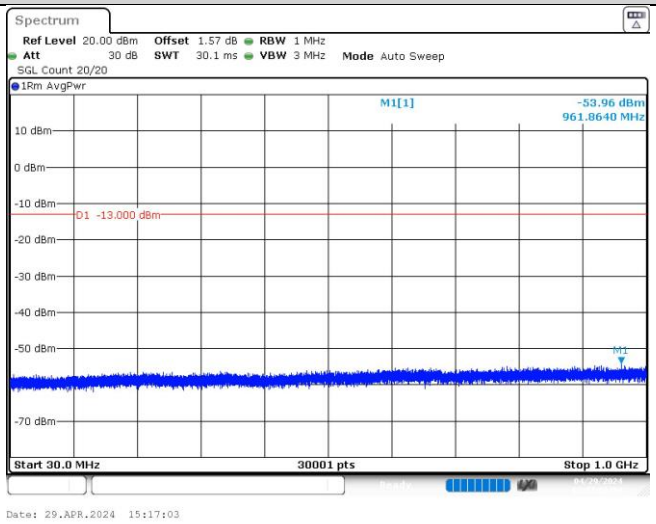
Band4-1413-3-1000~3000MHz



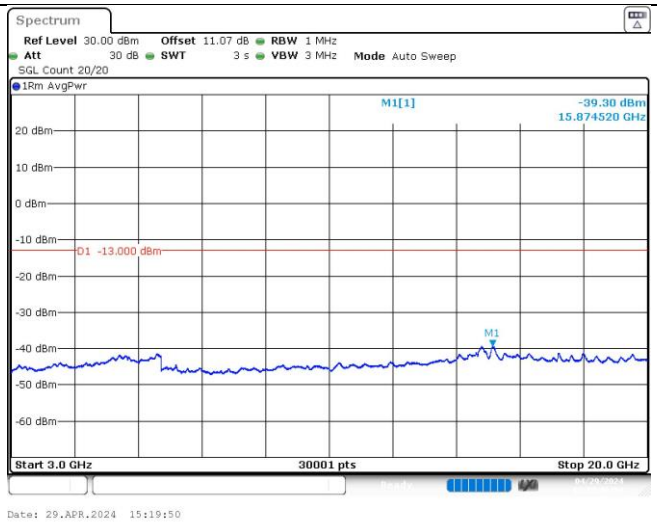
Band4-1413-3-0.009~0.15MHz



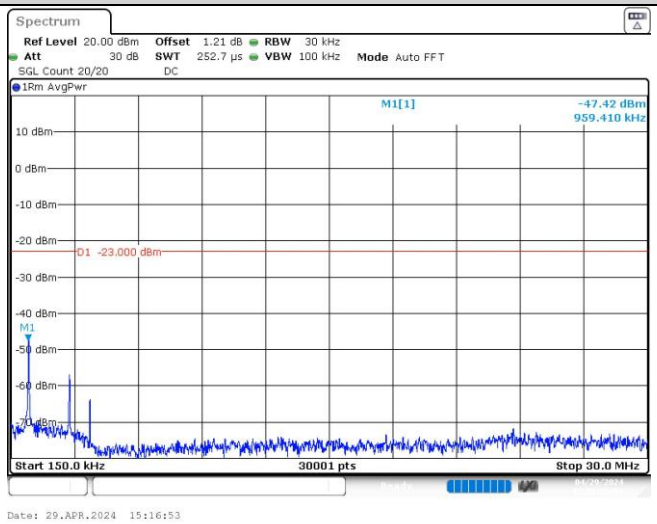
Band4-1413-3-30~1000MHz



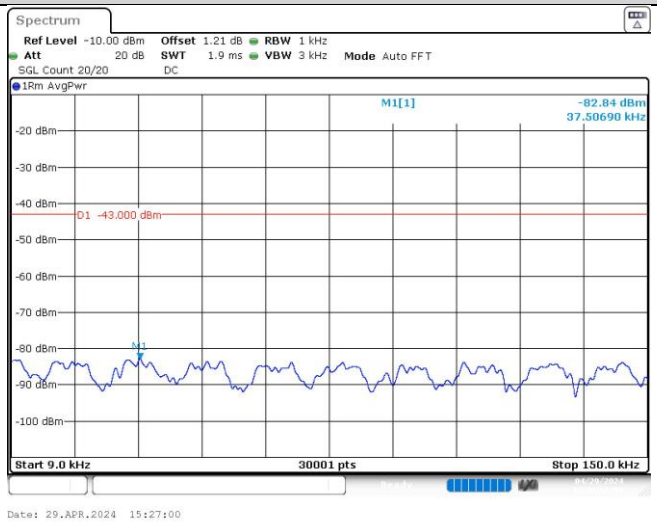
Band4-1413-3-3000~20000MHz



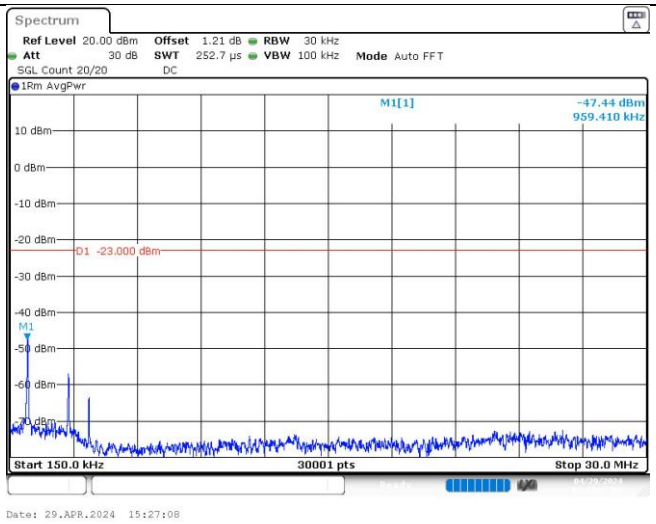
Band4-1413-3-0.15~30MHz



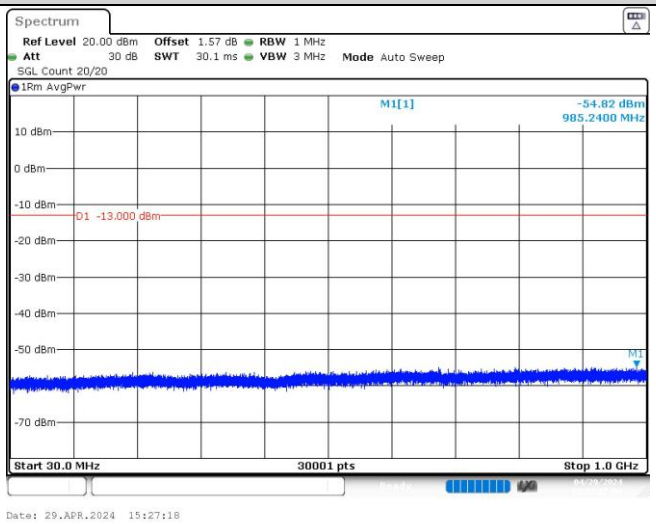
Band4-1413-4-0.009~0.15MHz



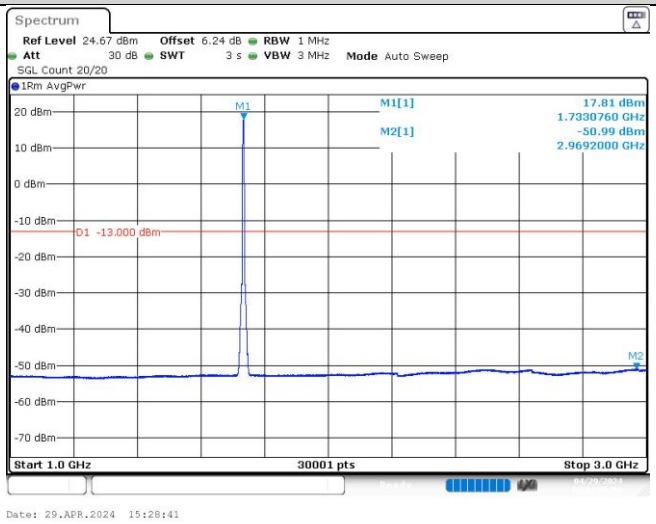
Band4-1413-4-0.15~30MHz



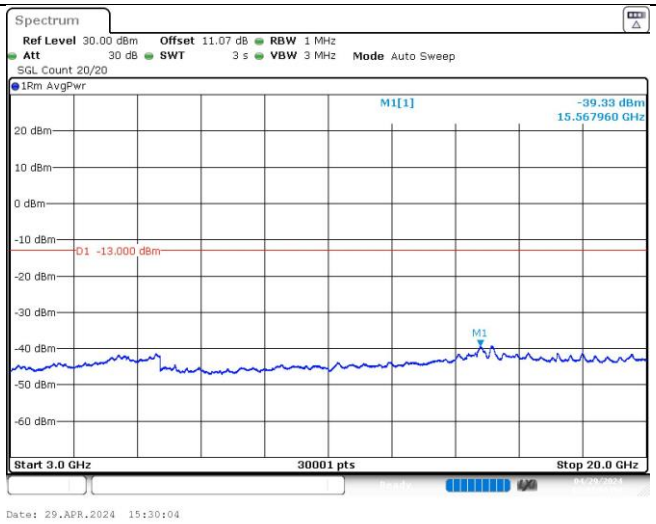
Band4-1413-4-30~1000MHz



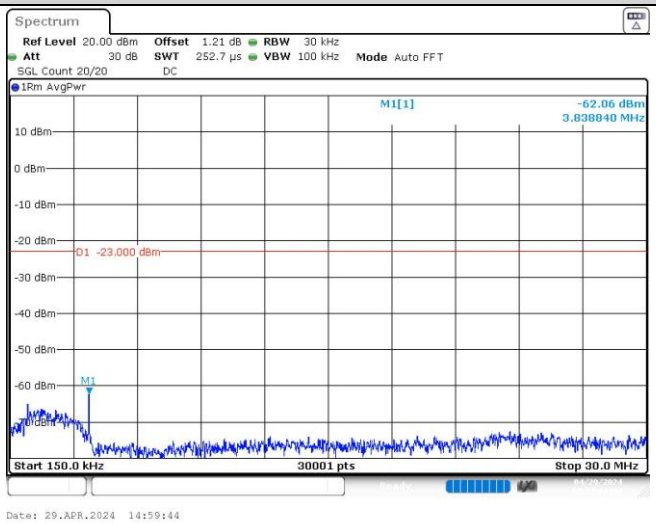
Band4-1413-4-1000~3000MHz



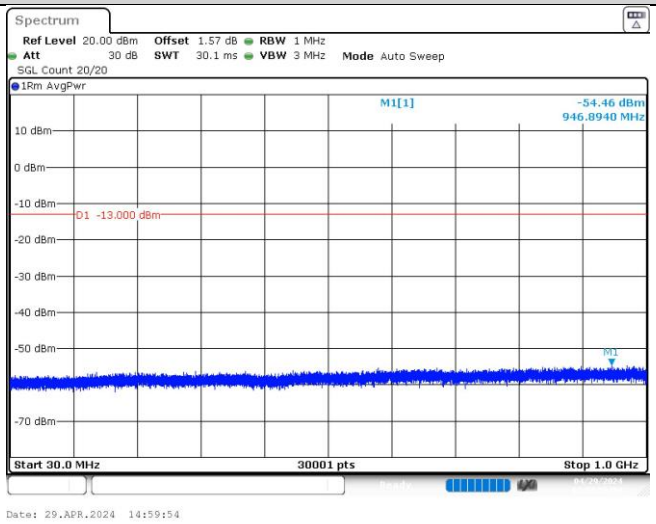
Band4-1413-4-3000~20000MHz



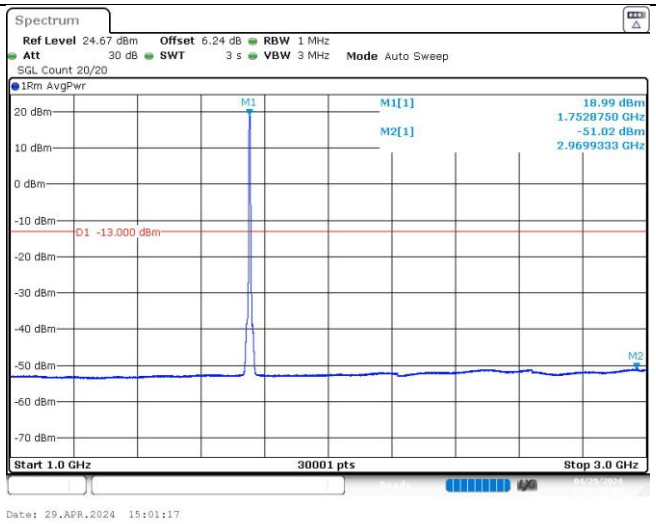
Band4-1513-1-0.15~30MHz



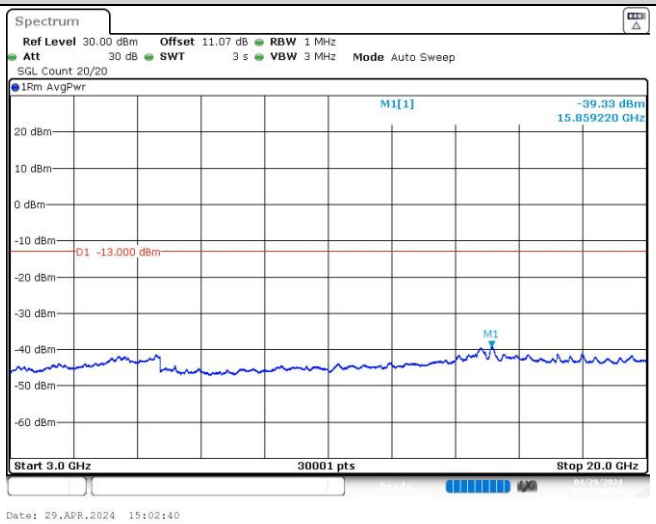
Band4-1513-1-30~1000MHz



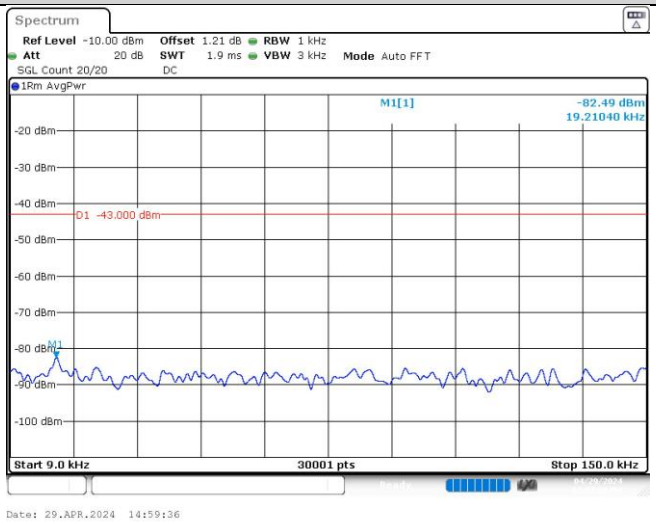
Band4-1513-1-1000~3000MHz



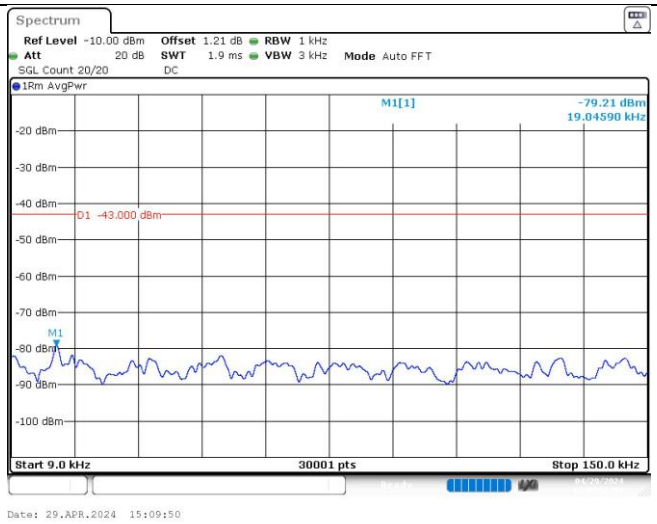
Band4-1513-1-3000~20000MHz



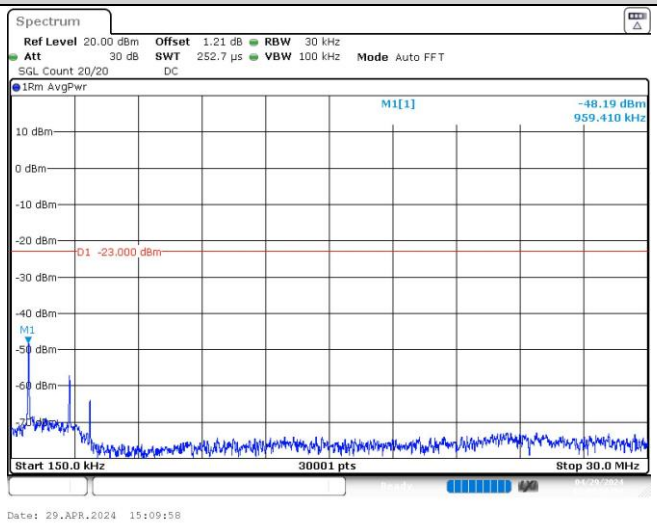
Band4-1513-1-0.009~0.15MHz



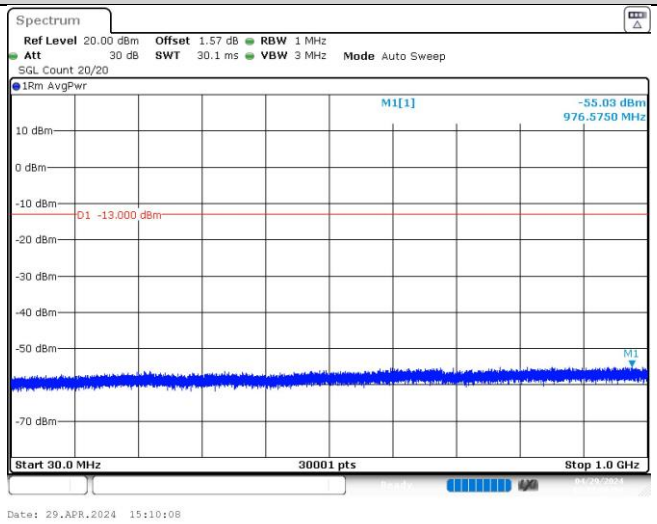
Band4-1513-2-0.009~0.15MHz



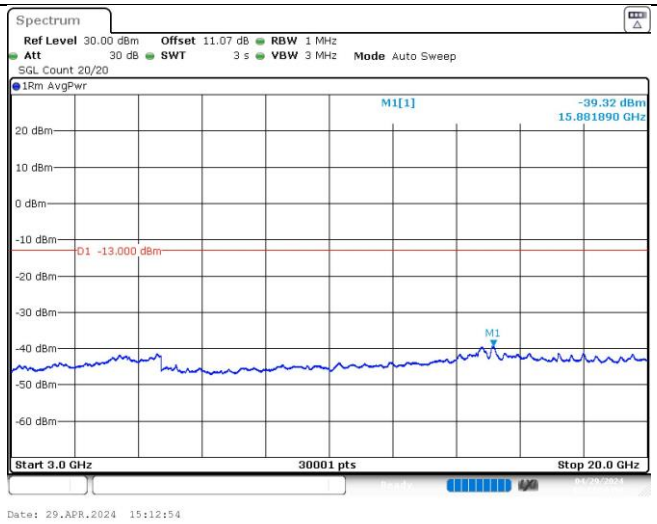
Band4-1513-2-0.15~30MHz



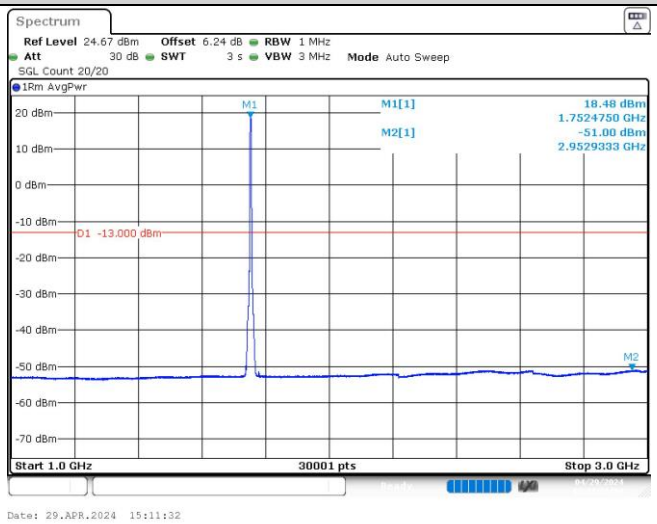
Band4-1513-2-30~1000MHz



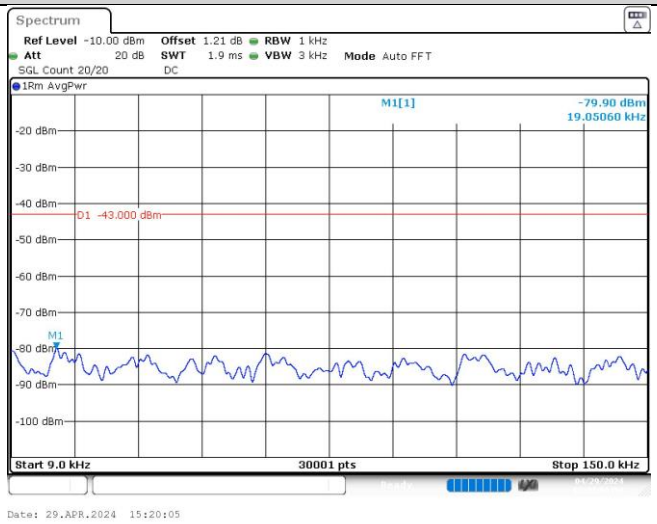
Band4-1513-2-3000~20000MHz



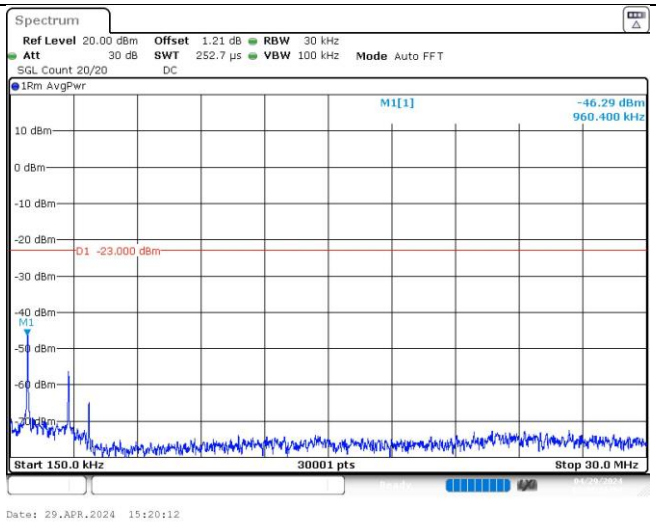
Band4-1513-2-1000~3000MHz



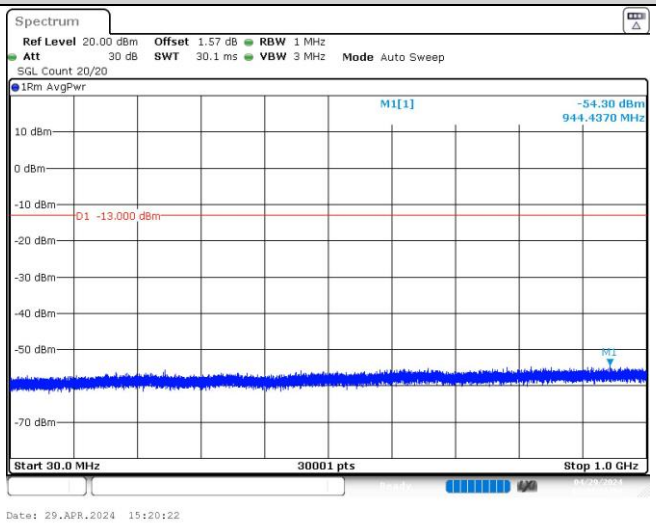
Band4-1513-3-0.009~0.15MHz



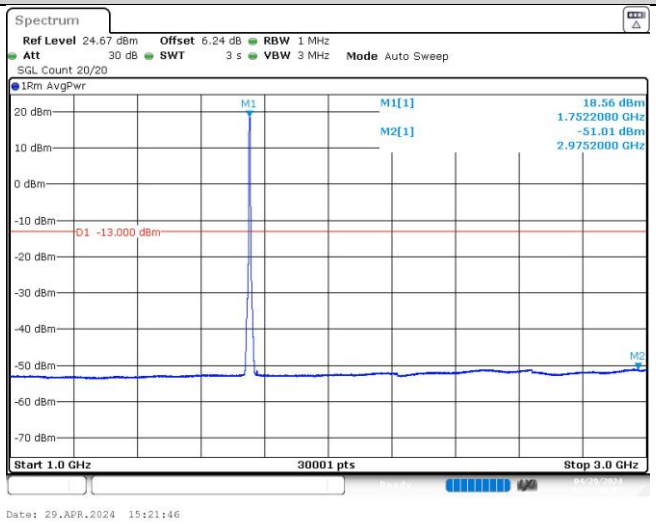
Band4-1513-3-0.15~30MHz



Band4-1513-3-30~1000MHz



Band4-1513-3-1000~3000MHz



Band4-1513-3-3000~20000MHz